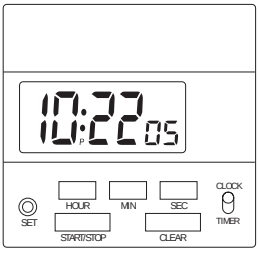
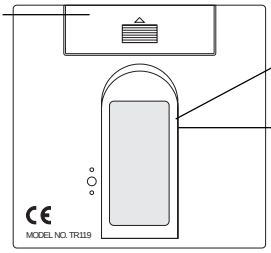
OREGON SCIENTIFIC

COUNTDOWN & COUNTUP TIMER WITH CLOCK

MODEL: TR119

USER'S MANUAL





ENGLISH

TIMER FEATURES

1. LCD Count-down/count-up Timer together with Clock.
2. 6 digits display showing HOUR, MINUTE and SECOND for both Timer and Clock.
3. Automatic count up after Timer counts down to zero.
4. Count-down Timer: Maximum setting is 23 HR. 59MIN. 59 SEC. and counts down at 1 second resolution.

   Count-up Timer: Maximum count-up range is 23 HR. 59 MIN. 59 SEC. at 1 second resolution.
5. Memory recall function for count-down Timer.
6. Timer alarm sounds for 1 minute when Timer counts down to zero.
7. Individual setting buttons for HOUR. MINUTER and SECOND setting.
8. Sound warning for the last one minute.

COUNT-DOWN TIMER SETTING

1. Switch the **TIMER/CLOCK** slide switch to **TIMER** position, 0:00 00 and **TIMER** mark will show on display.
2. Press **HOUR** button to advance hour digits. With each press of the button a beep sound will be heard. Press and hold **HOUR** button for 2 seconds will fast set the hour digits.
3. Press **MIN** button to advance minute digits. With each press of the button a beep sound will be heard. Press and hold **MIN** button for 2 seconds will fast set the minute digits.
4. Press **SEC** button to advance second digits. With each press of the button a beep sound will be heard.
5. If setting is not the desired one, press **CLEAR** button once to reset Timer to zero and set time again.

COUNT-DOWN TIMER START/STOP

1. After time setting is ready, press **START/STOP** button once and Timer will start to cound down at 1 second resolution.
2. When Timer is counting, press **START/STOP** button once and Timer will stop.
3. Press **START/STOP** button once and Timer will start counting again.

COUNT-DOWN TIMER ALARM

1. When Timer counts down to 0 HR 00 MIN 00 SEC (0:00 00 will show on display). **TIMES-UP** will flash on the display. Timer alarm starts to sound for 1 minute and Timer will automatically continue to count up at 1 second resolution.
2. Timer alarm and count-up time can be stopped by pressing **HOUR**,**MIN**, **SEC**, **START/STOP** or **CLEAR** button.

COUNT-DOWN TIMER MEMORY RECALL

1. After Timer alarm stops, pressing **START/STOP** button once can recall preset desired count-down time. **The word "MEMORY" will flash on the display.**
2. Pressing **START/STOP** button 2nd time can start Timer and Timer will count down for another lap. **The word "MEMORY" will flash on the display.**

COUNT-UP TIMER SETTING

1. When timer is in resting stage (0 HR, 00 MIN, 00 SEC). Pressing **START/STOP** button once will activate count-up feature and Timer starts to count up at 1 second resolution. A beep sound will be heard.
2. Press **START/STOP** button 2nd time to stop the count-up Timer.
3. Press **START/STOP** button the 3rd time, count-up timer will continue to count up at 1 second resolution.
4. Press **START/STOP** button the 4th time to stop the count-up Timer.
5. Pressing **CLEAR** button once will reset count-up Timer to zero.

COUNT-DOWN AND COUNT-UP TIME MEASUREMENT:

1. Switch the **TIMER/CLOCK** slide switch to **TIMER** position.
2. Set the desired count-down time by using the same procedure as count-down Timer setting.
3. Press **START/STOP** button once to start the count-down Timer.
4. When Timer counts down to 0 HR 00 MIN 00 SEC (0:00 00 will show on display). **TIMES-UP** mark will flash on display. Timer alarm starts to sound for 1 minute and Timer will automatically count up at 1 second resolution.
5. When you think the count-up peried is good enough for you. Press **START/STOP** button once to stop the count-up Timer.
6. Elapsed period after Timer counts down to zero can be known from the count-up time on display.

NORMAL TIME SETTING

Switch the **TIMER/CLOCK** slide switch to **CLOCK** position, normal time of clock will show on display.

HOUR

Press SET button (beep sound can be heard) and at the same time press HOUR button (beep sound can be heard) to advance hour digits. Press **SET** button and simultaneously press and hold HOUR button for 2 seconds to fast set the hour digits. AM or PM mark will appear on display for 12 hour version clock.

MINUTE

Press **SET** button (beep sound) and at the same time press **MIN** button (beep sound) to advance minute digits. Press, **SET** button and simultaneously press and hold **MIN** button for 2 seconds to fast set the minute digits.

SECOND

Press **SET** button (beep sound) and at the same time press **SEC** button (beep sound) will reset second digits to zero when second digits are within 0-30 sec. range. When second digits are within 31-59 sec. range, press **SET** and **SEC** button will reset second digits to zero and minute digit will advance by 1.

REPLACEMENT OF BATTERY

Follow the arrow direction, slide push to open the battery cover at back side of Timer. Remove exhausted battery, insert a new 1.5V 'AAA' Battery as indicated by the polarity symbols (+&-) mark and close battery cover.

CLIP ATTACHMENT

The timer can clip on a thin board or shirt pocket by using the plastic clip on the backside of timer.

MAGNETIC ATTACHMENT

The timer can attach to iron or steel surface, using the magnet attached to the clip on the backside of the timer.

TABLE STANDING

The Timer can stand on table surface by flipping out the metal stand bar on the back side of Timer.

SPECIFICATIONS

Power: use 1 pc UM-4 or "AAA" 1.5V battery

Weight: 0.22 lbs (without battery)

Dimension: 2.75" x 0.75" x 2.5" (LxWxT)

CAUTION

- The content of this manual is subject to change without further notice.
- Due to printing limitation, the displays shown in this manual may differ from the actual display.
- The contents of this manual may not be reproduced without the permis sion of the manufacturer.

CUSTOMER ASSISTANCE

Should you require assistance regarding this product and its operation, please contact our customer care department at 541-868-8205 or via email at helpme@oscientific.com.

WARRANTY

This product is warranted to be free of manufacturing defects for a period of 3 months from date of retail purchase. Defective product should be directed to the place of retail purchase for exchange. Should this not be possible, contact our customer care department for assistance and a return material authorization. No returns may be made without a return authorization. Please retain your retail receipt as you may be asked to provide a copy of it for proof of date purchased.

This warranty does not cover product subjected to abuse, misuse, accidental damage or tampering. Upon return of the defective product, Oregon Scientific will at its

discretion, replace the product with either a new or a tested reconditioned product. Should the product be out of warranty, the consumer may purchase directly from Oregon Scientific a replacement at reasonable cost plus shipping and handling.